



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 99,423)

GAU 1614  
#4 B.H.

In the Application of:

Jeff A. Zablocki, et al.

Examiner: Not Assigned

Serial No.: 09/338,185

Group Art Unit: 1614

Filed: June 22, 1999

Title: N-Pyrazole A<sub>2A</sub> Receptor Agonists

Asst. Commissioner for Patents  
Washington, D.C. 20231

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MAY 12 2000

Sir:

TECH CENTER 1600/2900

TRANSMITTAL LETTER

In regard to the above identified application:

1. We are transmitting herewith the attached:
  - a. Information Disclosure Statement citing 16 references
  - b. Form PTO-1449
2. With respect to additional fees:
  - a. \_\_\_\_\_ Attached is a check in the amount of \$-0-
3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Asst. Commissioner for Patents, Washington, D.C. 20231 on this 24<sup>th</sup> day of May, 2000.

By

C. BL Hughes  
A Blair Hughes  
Reg. No. 32,901

McDONNELL BOEHNNEN HULBERT  
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300 South Wacker Drive, 32<sup>nd</sup> Floor  
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#4

PATENT

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Examiner:

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TECH CENTER 1600/2800INFORMATION DISCLOSURE STATEMENTAsst. Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97-1.98, applicants wish to make the following references of record in the above-identified application. These references may be material to the Examiner's consideration of the presently pending claims. Copies of the references cited below are enclosed along with a completed Form-1449.

U.S. Patents

	<u>Patent Number</u>	<u>Inventor</u>	<u>Issue Date</u>
1.	5,593,975	Cristalli	January 14, 1997
2.	5,189,027	Miyashita et al.	February 23, 1993

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	<u>Patent No.</u>	<u>Inventors</u>	<u>Issue Date</u>
3.	4,956,345	Miyasaka et al.	September 11, 1990
4.	5,270,304	Kogi et al.	December 14, 1993
5.	5,459,254	Yamaguchi et al.	October 17, 1995
6.	5,705,491	Yamada	January 6, 1998
7.	5,770,716	Khan et al.	June 23, 1998
8.	5,939,543	Morozumi et al.	August 17, 1999

### **Foreign Patents**

	<u>Application Number</u>	<u>Publication Date</u>
1.	965,411 (Canada)	April 1, 1975
2.	Hei 5[1993]-9197 (Japan)	January 19, 1993

### **Printed Publications**

1. Marumoto, et al., "Synthesis and Coronary Vadoilating Activity of 2-Substituted Adenosines", *Chem.. Pharm. Bull.* 23(4): 759-774 (1975).
2. Marumoto, et al., "Synthesis and Enzymatic Activity of Adenosine 3',5'-Cyclic Phosphate Analogs", *Chem.. Pharm. Bull.* 27(4) 990-1003 (1979).
3. Persson, et al., "Synthesis and Antiviral Effects of 2-Heteroaryl Substituted Adenosine and 8-Heteroaryl Substituted Guanosine Derivatives", *Bioorganic & Medicinal Chemistry*, 3:1377-1382 (1995).
4. Mager, et al., "Molecular simulation applied to 2-(N'alkylidenehydrazino)- and 2-(N'-aralkylidenehydrazino) adenosine A<sub>2</sub> Agnonists", *Eur J. Med. Chem*, 30:15-25 (1995).

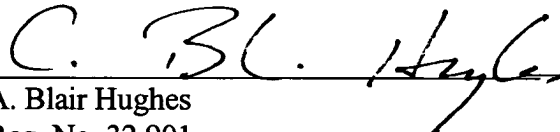
5. Cristalli et al., "2-Alkynyl Derivatives of Adenosine 5'-N'ethyluronamide: Selective A<sub>2</sub> Adenosine Receptor Agonists with Potent Inhibitory Activity on Platelet Aggregation", *J. Med. Chem.*, 37:1720-1726 (1994).
6. Matsuda, et al., "Nucleosides and Nucleotides. 103. 2-Alkynyladenosines: A Novel Class of Selective Adenosine A<sub>2</sub> Receptor Agonists with Potent Antihypertensive Effects", *J. Med. Chem.* 35:241-252 (1992).

Respectfully submitted,

McDONNELL BOEHNEN HULBERT &  
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Dated: May 4, 2000

By:

  
A. Blair Hughes  
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